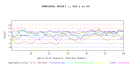
BcePred Prediction Server

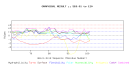
The server displays 1.GRAPHICAL RESULT 2.TABULAR RESULT 3.Overlap Display

seqname=
Seq= MTLRVVPEGLAAASAAVEALTARLAAAHASAAPVITAVVPPAADPVSLQTAAGFSAQGVE
HAVVTAEGVEELGRAGVGVGESGASYLAGDAAAAATYGVVGG

Length=102

GRAPHICAL RESULT





TOP

TABULAR RESULT

Selected Programs: hydro flexi access turns surface polar antipro

Respective Threshold: 1.9 2 1.9 2.4 2.3 1.8 1.9

**MTLRVVPEGLAAASAAVEALTARLAAAHASAAPVITAVVPPAADPVSLQTAAGFSAQGVE
HAVVTAEGVEELGRAGVGVGESGASYLAGDAAAAATYGVVGG**

Length=102

A.A.		Parameter							Combined		
		Hydro	Flexi	Access	Turns	Surface	Polar	AntiPro	MAX	MIN	AVG
1	M	-0.332	-0.480	-0.196	-1.453	1.841	0.817	-2.429	1.841	-2.429	-0.319
2	T	-0.566	-0.007	0.141	-1.797	1.513	0.759	-0.830	1.513	-1.797	-0.113
3	L	-0.800	0.077	0.477	-2.053	1.185	0.700	0.769	1.185	-2.053	0.051
4	R	-0.667	0.908	1.178	-2.106	1.139	0.659	1.999	1.999	-2.106	0.444
5	V	0.092	-0.110	1.515	-1.922	1.458	1.242	2.028	2.028	-1.922	0.615
6	V	0.123	-0.013	1.309	-1.655	1.257	1.222	1.987	1.987	-1.655	0.604
7	P	0.123	0.083	1.309	-1.474	1.257	1.222	1.987	1.987	-1.474	0.644
8	E	-0.009	-0.276	0.879	-1.518	0.784	0.597	0.978	0.978	-1.518	0.205
9	G	0.357	0.005	1.001	-1.809	0.793	0.595	-0.621	1.001	-1.809	0.046

10	L	0.724	-0.623	1.122	-2.030	0.802	0.594	-2.220	1.122	-2.220	-0.233
11	A	1.002	-0.418	1.029	-1.960	0.683	0.595	-2.280	1.029	-2.280	-0.193
12	A	0.642	-0.514	0.702	-1.622	0.319	-0.005	-3.264	0.702	-3.264	-0.535
13	A	0.414	0.061	0.711	-1.197	0.364	-0.005	-4.274	0.711	-4.274	-0.561
14	S	0.762	0.061	0.674	-1.015	0.346	-0.009	-4.120	0.762	-4.120	-0.472
15	A	1.122	-0.999	1.001	-1.194	0.711	0.591	-3.136	1.122	-3.136	-0.272
16	A	1.122	-0.508	1.001	-1.643	0.711	0.591	-3.136	1.122	-3.136	-0.266
17	V	0.408	-0.508	0.917	-2.013	0.720	0.596	-1.691	0.917	-2.013	-0.225
18	E	0.326	0.401	0.963	-2.184	0.720	0.596	-1.810	0.963	-2.184	-0.141
19	A	0.326	-0.378	0.963	-2.051	0.720	0.596	-1.810	0.963	-2.051	-0.234
20	L	0.459	-0.378	1.393	-1.870	1.194	1.221	-0.801	1.393	-1.870	0.174
21	T	0.111	-0.174	1.431	-1.831	1.212	1.225	-0.955	1.431	-1.831	0.145
22	A	-0.250	-0.665	1.103	-1.955	0.847	0.625	-1.939	1.103	-1.955	-0.319
23	R	-0.250	-0.574	1.103	-2.204	0.847	0.625	-1.939	1.103	-2.204	-0.341
24	L	0.465	-1.388	1.188	-2.326	0.838	0.620	-3.384	1.188	-3.384	-0.570
25	A	0.269	-0.328	1.150	-1.957	0.856	1.220	-3.157	1.220	-3.157	-0.278
26	A	0.269	-0.328	1.150	-1.363	0.856	1.220	-3.157	1.220	-3.157	-0.193
27	A	0.414	-0.328	0.870	-0.357	0.537	0.615	-2.997	0.870	-2.997	-0.178
28	H	1.129	0.031	0.954	0.238	0.528	0.610	-4.442	1.129	-4.442	-0.136
29	A	1.129	-0.156	0.954	0.412	0.528	0.610	-4.442	1.129	-4.442	-0.138
30	S	1.129	-0.480	1.197	0.084	0.802	0.629	-3.212	1.197	-3.212	0.021
31	A	0.762	-0.845	1.075	-0.365	0.793	0.630	-1.613	1.075	-1.613	0.063
32	A	0.123	-0.845	0.776	-1.016	0.601	0.012	-1.558	0.776	-1.558	-0.272
33	P	0.319	-0.941	0.973	-1.209	0.756	0.032	-0.507	0.973	-1.209	-0.082
34	V	0.041	-1.396	0.823	-1.569	0.601	0.012	-1.677	0.823	-1.677	-0.452
35	I	-0.325	-0.941	0.702	-1.699	0.592	0.014	-0.079	0.702	-1.699	-0.248
36	T	-0.692	-0.258	0.580	-1.781	0.583	0.015	1.520	1.520	-1.781	-0.005
37	A	-0.692	-0.749	0.580	-1.722	0.583	0.015	1.520	1.520	-1.722	-0.066
38	V	-0.325	-0.749	0.945	-1.437	0.866	0.033	1.151	1.151	-1.437	0.069
39	V	0.313	-0.114	1.085	-1.006	0.884	0.031	-0.180	1.085	-1.006	0.145
40	P	0.117	0.341	0.889	-0.737	0.729	0.011	-1.231	0.889	-1.231	0.017
41	P	0.617	-0.114	1.160	-0.423	1.048	0.500	-0.230	1.160	-0.423	0.365
42	A	0.983	0.383	1.524	-0.265	1.330	0.517	-0.599	1.524	-0.599	0.554
43	A	0.983	0.179	1.524	-0.064	1.330	0.517	-0.599	1.524	-0.599	0.553
44	D	1.261	0.670	1.431	0.272	1.212	0.518	-0.659	1.431	-0.659	0.672
45	P	0.547	0.622	1.103	0.305	0.948	0.505	-0.444	1.103	-0.444	0.512
46	V	0.794	0.263	1.431	0.215	1.321	0.547	0.730	1.431	0.215	0.757
47	S	0.990	0.359	1.627	-0.047	1.476	0.567	1.780	1.780	-0.047	0.965
48	L	0.490	0.131	1.356	-0.394	1.157	0.078	0.779	1.356	-0.394	0.514
49	Q	0.490	0.161	1.113	-0.698	0.884	0.059	-0.451	1.113	-0.698	0.223
50	T	1.084	0.525	1.225	-0.928	0.847	0.058	-1.039	1.225	-1.039	0.253
51	A	0.092	0.035	1.010	-1.263	0.647	0.042	-0.948	1.010	-1.263	-0.055
52	A	1.084	0.525	1.244	-1.124	0.793	0.056	-1.223	1.244	-1.223	0.194
53	G	0.838	1.153	0.917	-0.865	0.419	0.014	-2.397	1.153	-2.397	0.011
54	F	0.888	0.429	1.047	-0.406	0.638	0.037	-2.274	1.047	-2.274	0.051
55	S	1.116	1.179	1.038	-0.202	0.592	0.037	-1.264	1.179	-1.264	0.356
56	A	0.749	0.413	0.917	-0.379	0.583	0.038	0.335	0.917	-0.379	0.379
57	Q	0.882	0.413	1.253	-0.883	0.993	0.638	0.309	1.253	-0.883	0.515
58	G	1.597	-0.174	1.477	-0.979	1.212	1.253	0.325	1.597	-0.979	0.673
59	V	1.318	-0.897	1.328	-0.970	1.057	1.233	-0.845	1.328	-0.970	0.318
60	E	0.952	-0.310	1.206	-0.498	1.048	1.235	0.754	1.235	-0.498	0.627
61	H	0.338	-0.885	0.758	-0.392	0.665	1.194	1.179	1.194	-0.885	0.408
62	A	0.307	-0.400	0.963	-0.522	0.866	1.214	1.220	1.220	-0.522	0.521
63	V	0.673	0.227	1.085	-1.016	0.875	1.212	-0.379	1.212	-1.016	0.382
64	V	0.673	0.227	1.085	-1.304	0.875	1.212	-0.379	1.212	-1.304	0.341
65	T	0.901	0.898	0.917	-1.620	0.656	0.592	-0.646	0.917	-1.620	0.243
66	A	0.534	0.982	0.795	-1.679	0.647	0.594	0.953	0.982	-1.679	0.404
67	E	1.261	0.778	1.244	-1.862	1.020	1.192	0.338	1.261	-1.862	0.567
68	G	1.989	0.830	1.692	-2.029	1.394	1.790	-0.277	1.989	-2.029	0.770

69 V	1.078	1.016	1.412	-2.226	1.248	1.776	0.117	1.776	-2.226	0.632
70 E	1.306	1.113	1.403	-2.289	1.203	1.776	1.127	1.776	-2.289	0.805
71 E	1.078	1.165	1.505	-2.353	1.312	1.801	1.153	1.801	-2.353	0.809
72 L	0.850	0.493	1.515	-2.365	1.358	1.801	0.142	1.801	-2.365	0.542
73 G	1.445	1.325	1.627	-2.324	1.321	1.799	-0.446	1.799	-2.324	0.678
74 R	0.718	0.602	1.178	-2.260	0.948	1.201	0.169	1.201	-2.260	0.365
75 A	0.585	0.415	0.842	-2.162	0.537	0.601	0.195	0.842	-2.162	0.145
76 G	0.933	0.990	0.804	-2.057	0.519	0.598	0.349	0.990	-2.057	0.305
77 V	0.933	1.219	0.804	-1.981	0.519	0.598	0.349	1.219	-1.981	0.349
78 G	1.160	1.942	0.702	-1.950	0.410	0.573	0.324	1.942	-1.950	0.451
79 V	1.438	1.315	0.851	-1.705	0.565	0.593	1.494	1.494	-1.705	0.650
80 G	1.438	2.267	0.851	-1.434	0.565	0.593	1.494	2.267	-1.434	0.825
81 E	1.805	1.233	0.973	-1.028	0.574	0.591	-0.105	1.805	-1.028	0.578
82 S	1.856	0.453	1.132	-0.621	0.774	0.611	0.054	1.856	-0.621	0.609
83 G	1.970	-0.402	1.505	-0.389	1.020	0.629	-0.202	1.970	-0.402	0.590
84 A	1.028	-0.402	1.431	-0.371	1.075	0.634	0.232	1.431	-0.402	0.518
85 S	0.667	0.137	1.103	-0.495	0.711	0.035	-0.751	1.103	-0.751	0.201
86 Y	0.617	-0.719	0.945	-0.930	0.510	0.015	-0.911	0.945	-0.930	-0.068
87 L	0.888	-0.312	1.225	-1.098	0.875	0.504	-0.920	1.225	-1.098	0.166
88 A	0.888	-0.108	1.225	-1.088	0.875	0.504	-0.920	1.225	-1.088	0.197
89 G	0.610	-0.108	1.075	-0.883	0.720	0.484	-2.090	1.075	-2.090	-0.027
90 D	0.863	-0.735	0.823	-0.751	0.483	0.464	-3.432	0.863	-3.432	-0.326
91 A	1.578	-0.783	0.907	-0.957	0.474	0.459	-4.877	1.578	-4.877	-0.457
92 A	1.578	-1.190	0.907	-1.480	0.474	0.459	-4.877	1.578	-4.877	-0.590
93 A	1.546	-0.562	1.113	-1.743	0.674	0.479	-4.837	1.546	-4.837	-0.476
94 A	0.794	-0.659	1.094	-1.824	0.592	0.009	-4.496	1.094	-4.496	-0.641
95 A	1.021	-0.755	1.085	-1.505	0.547	0.009	-3.486	1.085	-3.486	-0.441
96 T	0.655	-0.128	0.963	-1.291	0.537	0.011	-1.887	0.963	-1.887	-0.163
97 Y	0.288	0.009	0.842	-1.291	0.528	0.012	-0.288	0.842	-1.291	0.014
98 G	0.515	0.670	0.832	-1.502	0.483	0.012	0.723	0.832	-1.502	0.248
99 V	0.743	0.297	0.823	-1.721	0.437	0.012	1.733	1.733	-1.721	0.332
100V	0.414	0.648	0.169	-1.793	0.601	0.052	0.682	0.682	-1.793	0.110
101G	0.534	0.998	-0.541	-1.599	0.683	0.093	-0.660	0.998	-1.599	-0.070
102G	0.174	0.626	-0.990	-1.243	1.048	0.153	-1.670	1.048	-1.670	-0.272

TOP

Overlap Display

Selected Programs: hydro flexi access turns surface polar antipro

Respective Threshold: 1.9 2 1.9 2.4 2.3 1.8 1.9

The predicted B-cell epitopes are shown in blue colour and underlined.

Sequence	[1]MTLRVVPEGLAAASAAVEALTARLAAAHASAAPVITAVVPPAADPVSLQTAAGFSAQGVEHAVVTAEGVEELGRAGVGVGESGASYLAGDAAAAATYGVVGG[102]

Hydrophilicity	[1]MTLRVVPEGLAAASAAVEALTARLAAAHASAAPVITAVVPPAADPVSLQTAAGFSAQGVEHAVVTAEGVEELGRAGVGVGESGASYLAGDAAAAATYGVVGG[102]
Flexibility	[1]MTLRVVPEGLAAASAAVEALTARLAAAHASAAPVITAVVPPAADPVSLQTAAGFSAQGVEHAVVTAEGVEELGRAGVGVGESGASYLAGDAAAAATYGVVGG[102]
Accessibility	[1]MTLRVVPEGLAAASAAVEALTARLAAAHASAAPVITAVVPPAADPVSLQTAAGFSAQGVEHAVVTAEGVEELGRAGVGVGESGASYLAGDAAAAATYGVVGG[102]
Turns	[1]MTLRVVPEGLAAASAAVEALTARLAAAHASAAPVITAVVPPAADPVSLQTAAGFSAQGVEHAVVTAEGVEELGRAGVGVGESGASYLAGDAAAAATYGVVGG[102]
Exposed Surface	[1]MTLRVVPEGLAAASAAVEALTARLAAAHASAAPVITAVVPPAADPVSLQTAAGFSAQGVEHAVVTAEGVEELGRAGVGVGESGASYLAGDAAAAATYGVVGG[102]
Polarity	[1]MTLRVVPEGLAAASAAVEALTARLAAAHASAAPVITAVVPPAADPVSLQTAAGFSAQGVEHAVVTAEGVEELGRAGVGVGESGASYLAGDAAAAATYGVVGG[102]
Antigenic Propensity	[1]MTLRVVPEGLAAASAAVEALTARLAAAHASAAPVITAVVPPAADPVSLQTAAGFSAQGVEHAVVTAEGVEELGRAGVGVGESGASYLAGDAAAAATYGVVGG[102]

TOP

Home